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<p align="center">QIAGEN® BIOROBOT™ 9604 PROCEDURE MANUAL - FORENSIC BIOLOGY SECTION PROCEDURE MANUAL, SECTION V</p>	<p align="center">Issue No. : 3</p>
	<p align="center">Effective Date: 8-November-2004</p>
<p>APPENDIX A: REAGENTS</p> <p>1. This appendix describes the preparation of reagents necessary for DNA analysis. For each reagent listed, the company and catalog number is included. As a reagent is prepared, it will be labeled to include the following information:</p> <p style="margin-left: 40px;">Identity Concentration Lot number Date of preparation Initials of the preparer</p> <p>And if appropriate:</p> <p style="margin-left: 40px;">Date of autoclaving Storage requirements Date of expiration</p> <p>2. All chemicals and reagents will be stored according to manufacturer's specifications.</p> <p>ETHANOL, 95%</p> <p style="margin-left: 40px;">Expiration date: Dispose of when necessary</p> <p style="margin-left: 40px;">Purchased as Reagent Alcohol (190 Proof) from VWR, Bridgeport, NJ, Catalog number 6590-1, 4L bottle.</p> <p>PHOSPHATE-BUFFERED SALINE (PBS), 1X, pH 7.2</p> <p style="margin-left: 40px;">Expiration date: manufacturer's expiration date</p> <p style="margin-left: 40px;">Purchased form Cambrex, Walkersville, MD., Catalog # 17-516Q 1L bottle.</p> <p>QIAamp® 96 BLOOD BIOROBOT™ KIT</p> <p style="margin-left: 40px;">Expiration date: Refer to individual kit component expiration dates.</p> <p style="margin-left: 40px;">Purchased from QIAGEN, Inc., Valencia, CA, Catalog number 965162 for 12 plate kit.</p> <p>QIAGEN® AE ELUTION BUFFER</p> <p style="margin-left: 40px;">Expiration date: Twelve months from date of receipt into the laboratory.</p> <p style="margin-left: 40px;">Supplied with the QIAamp® 96 Blood BioRobot™ Kit.</p>	

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QIAGEN® AL LYSIS BUFFER		
Expiration date: Twelve months from date of receipt into the laboratory.		
Supplied with the QIAamp® 96 Blood BioRobot™ Kit.		
QIAGEN® AW1 WASH BUFFER (concentrate)		
Expiration date: Twelve months from date of dilution with 95% ethanol.		
Supplied with the QIAamp® 96 Blood BioRobot™ Kit.		
Before initial use, dilute concentrate with 95% ethanol according to the specifications below:		
AW1 concentrate	Ethanol	Final volume
175 mL	230 mL	405 mL
Once the QIAGEN® AW1 wash buffer has been diluted with ethanol, store the buffer at room temperature.		
QIAGEN® AW2 WASH BUFFER (concentrate)		
Expiration date: Twelve months from date of dilution with 95% ethanol.		
Supplied with the QIAamp® 96 Blood BioRobot™ Kit.		
Before initial use, dilute concentrate with 95% ethanol according to the specifications below:		
AW2 concentrate	Ethanol	Final volume
274 mL	640 mL	914 mL
Once the QIAGEN® AW2 wash buffer has been diluted with ethanol, store the buffer at room temperature		

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QIAGEN® BIOROBOT™ PROTEASE		
Expiration date: 6 months after sample is reconstituted if stored at –20°C. 2 months after sample is reconstituted if stored at 4°C.		
Supplied with the QIAamp® 96 Blood BioRobot™ Kit.		
Reconstitute with supplied QIAGEN® protease solvent before initial use according to the specifications below:		
QIAGEN® Protease	Protease solvent	Final concentration
140 mg	10.2 mL	13.725 mg/mL
QIAGEN® PROTEASE SOLVENT		
Expiration date: Twelve months from date of receipt into the laboratory		
Supplied with the QIAamp® 96 Blood BioRobot™ Kit.		
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